

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 00/27451

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B32B13/00 E04B1/94

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B32B E04C E04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 361 616 A (BOEMERS JOSEPH J P) 30 November 1982 (1982-11-30) column 1, line 57 -column 2, line 26; claims 1,9,6 ---	1,3,4, 11,14, 15,17,18
X	DATABASE WPI Section Ch, Week 197723 Derwent Publications Ltd., London, GB; Class A13, AN 1977-40569Y XP002159268 & JP 52 051719 A (KANEBO LTD), 25 April 1977 (1977-04-25) abstract --- -/--	1,11,18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

2 February 2001

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13/02/2001

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Section Ch, Week 197723 Derwent Publications Ltd., London, GB; Class A93, AN 1977-40665Y XP002159269 & JP 52 052429 A (KANEBO LTD), 27 April 1977 (1977-04-27) abstract</p>	1,11,18
A	<p>US 5 395 685 A (SETH HARRO ET AL) 7 March 1995 (1995-03-07) the whole document</p>	1,11,18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/27451

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4361616	A	30-11-1982	NL 7901627 A	03-09-1980
			NL 8000196 A	03-09-1980
			BR 8001229 A	04-11-1980
			DE 3066227 D	01-03-1984
			EP 0015613 A	17-09-1980
			ES 489071 A	16-09-1980
			JP 55116684 A	08-09-1980
<hr/>				
JP 52051719	A	25-04-1977	NONE	
<hr/>				
JP 52052429	A	27-04-1977	NONE	
<hr/>				
US 5395685	A	07-03-1995	DE 3937433 A	16-05-1991
			DE 59004323 D	03-03-1994
			EP 0427063 A	15-05-1991
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